

What is claimed is:

1. An arrangement in a communication system comprising:

a line terminal;

5 a network terminal; and

a repeater means, said line terminal connected to said
repeater means by a first transmission line, said repeater
means further connected to said network terminal by a
second transmission line, and transmission between said
10 line terminal and said network terminal is activated and
deactivated with a certain activation/deactivation process,
and

wherein said repeater means is adapted to detect said
activation/deactivation process and to alternate a flip-
15 flop included in said repeater means between a first state
and a second state on response to a detected
activation/deactivation process, said transmission is
passed through said repeater means when said flip-flop is
in said first state, and is looped back in said repeater
20 means when said flip-flop is in said second state.

2. The arrangement as defined in claim 1, wherein a
free bit in an overhead channel of the transmission is set
to a first level when transmitting in the line terminal-
25 network terminal direction, and a second level when

transmitting in the network terminal-line terminal
direction.

3. The arrangement as defined in claim 1, wherein
5 said repeater means is a signal repeater.

4. The arrangement as defined in claim 1, wherein
said communication system is an HDSL (High speed Digital
Subscriber Line) communication system and said
10 activation/deactivation process is an
activation/deactivation process used in said HDSL
communication system.

5. The arrangement as defined in claim 2, wherein
15 said first level is "1", and said second level is "0".

6. The arrangement as defined in claim 2, wherein
the arrangement is used in standardized HDSL error
monitoring at the line terminal when said transmission is
20 looped back in said repeating means, indicated by said free
bit being set to said first level.

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